



Crop Progress and Condition

USDA, NASS, Kentucky Field Office
David Knopf, Director
601 W Broadway, Rm 645
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:
Univ. of KY – Agr'l Weather Center
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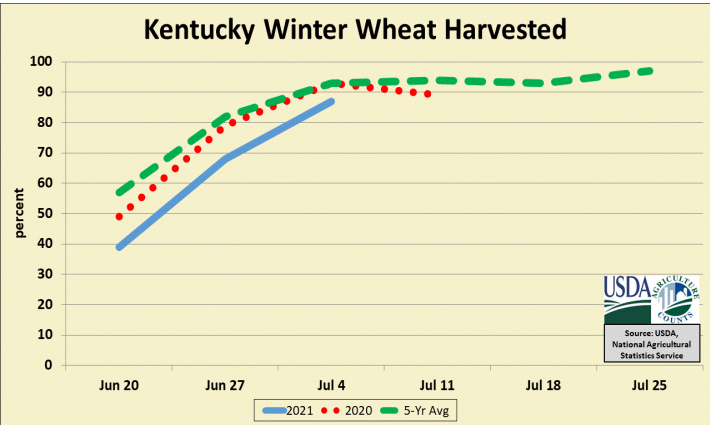
Agricultural News: Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.73 inches, 0.74 inches above normal. Temperatures averaged 75 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 3 percent very short, 24 percent short, 67 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 2 percent very short, 19 percent short, 75 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 5.8 out of a possible seven.

Primary activities for this week included planting soybeans, setting tobacco, harvesting wheat, and cutting hay. Rain moved in as the week progressed bringing in cooler temperatures. The precipitation was scattered with some areas getting torrential downpours. Due to the isolated heavy rain, some flooding was reported. With that said, farmers were still able to make a strong push in the fields with soybean and tobacco planting nearing completion. Thirty-one percent of the corn crop is in the silking stage. In areas of the state, corn has been stunted by recent dry weather, but will hopefully benefit from recent precipitation. With most soybeans planted, 20 percent of the crop is blooming. The average height of soybeans is 13 inches at this time. Both the corn and soybean crops remain in good overall condition. Tobacco condition is mostly good with 98 percent of the crop set. Two percent of the set tobacco is blooming at this juncture.

Wheat harvesting is progressing steadily as weather allows. With conducive weather, farmers will be finishing up in the next couple of weeks. Pasture condition is good and will benefit from the recent rain. Livestock are in good condition and should have access to more lush pasture ground as growth accelerates. The quality of cut hay is rated mostly good as cool season grasses continue to do well despite seasonably hot weather.

SOIL MOISTURE for week ending 07/4/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	24	67	6
Subsoil	2	19	75	4



CROP PROGRESS for week ending 07/4/21

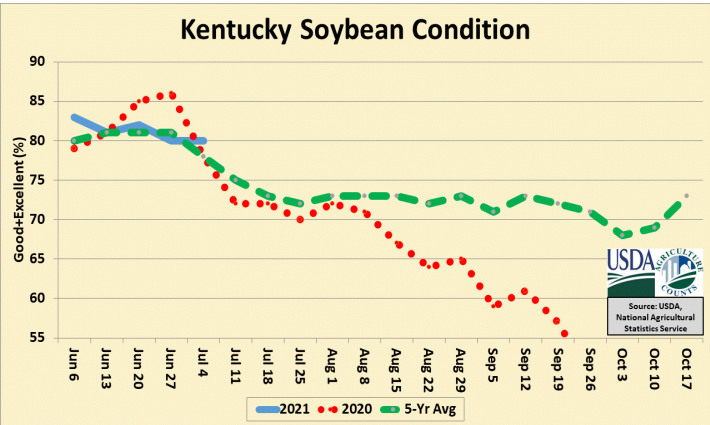
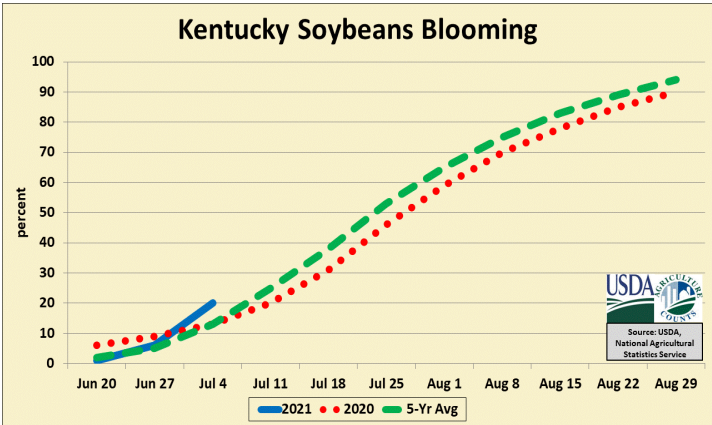
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	31	11	25	42
Soybeans Planted	98	94	96	96
Soybeans Emerged	89	82	89	88
Soybeans Blooming	20	6	13	13
Tobacco Set	98	94	97	97
Tobacco Blooming	2	-	5	8
Winter Wheat Harvested	87	68	93	93

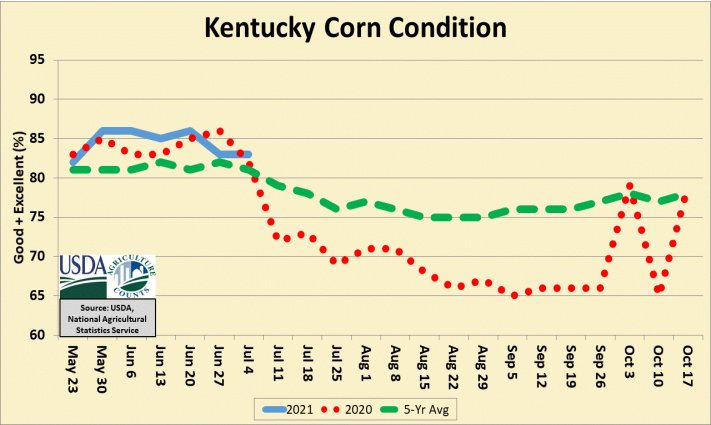
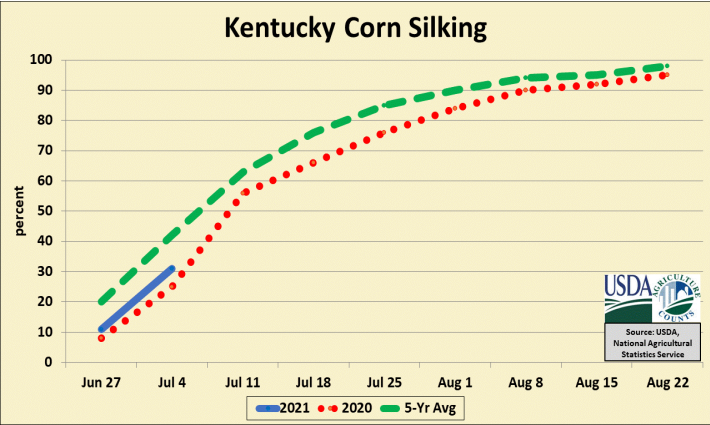
- Represents zero.

CROP CONDITIONS for week ending 07/4/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	14	72	11
Hay Harvested Quality	1	4	16	65	14
Livestock	1	3	19	66	11
Pasture	1	3	22	58	16
Soybeans	1	2	17	71	9
Tobacco Set	-	2	21	68	9

- Represents zero.





Kentucky Climate Summary
For the Period June 28, 2021 to July 4, 2021

Near Normal Temperatures and Above Normal Rainfall:

Summer heat and humidity was in place to start the period with highs jumping into the upper 80s to middle 90s on Monday and Tuesday. Isolated to scattered showers and storms accompanied the heat, before increasing in coverage on Wednesday and especially Thursday with the passage of a cold front. In fact, coverage turned widespread on Thursday and with a very moist and unstable airmass in place, torrential rainfall was once again on the table. This led to some bouts of flash flooding across the state. Some of the more intense activity fell across Southern Fayette and Clark Counties, which saw 4-6 inches. Otherwise, the state as a whole averaged 1.73 inches for the week, the highest weekly average since early May. Behind the cold front, conditions turned dry, cooler, and less humid for the end of the work week and holiday weekend.

Temperatures for the period averaged 75 degrees across the state which was near normal and 2 degrees warmer than the previous period. High temperatures averaged from 85 in the West to 83 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at LOUISVILLE APT and the extreme low was 51 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 1.73 inches statewide which was 0.74 inches above normal and 174% of normal. Precipitation totals by climate division, West 1.60 inches, Central 1.29 inches, Bluegrass 2.43 inches and East 1.58 inches, which was 0.61, 0.31, 1.46 and 0.55 inches above normal. By station, precipitation totals ranged from a low of 0.16 inches at EDMONTON 5W to a high of 5.38 inches at WINCHESTER 3NW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/4/21 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	1.73	15.20	5.33	2.54	1.76	92	60	76	1	184	1,442	-120
Berea	3.47	12.65	7.05	-0.94	3.32	90	53	73	-2	158	1,246	-360
Bowling Green	1.31	11.61	1.89	-2.43	-2.06	96	58	78	3	194	1,652	33
Bristol	1.70	9.53	5.11	-1.77	1.72	91	51	73	-2	160	1,237	-229
Buckhorn Lake	2.84	12.03	6.88	-0.60	2.94	89	52	73	-2	162	1,324	-88
Cape Girardeau	0.54	12.71	2.21	-0.84	-1.02	94	56	77	0	190	1,650	-56
Campbellsville	1.44	9.97	3.10	-4.81	-0.92	93	54	74	-1	172	1,351	-230
Covington	2.70	16.88	8.21	4.46	4.59	95	57	76	1	183	1,391	-19
Dix Dam	4.28	15.90	8.88	2.63	5.30	94	54	75	0	174	1,388	-159
Evansville	0.69	8.80	1.48	-3.98	-1.83	93	58	77	0	188	1,572	-32
Glasgow	0.77	14.15	1.48	-0.75	-2.89	94	54	75	0	174	1,422	-134
Grayson	1.13	10.18	3.16	-2.18	-0.54	94	54	75	0	172	1,314	-38
Hardinsburg	0.44	13.43	4.00	-0.16	0.35	93	55	74	-1	172	1,397	-239
Henderson	3.63	11.36	4.43	-1.77	0.87	91	56	74	-3	172	1,441	-217
Huntington	2.67	14.89	6.58	2.69	2.98	94	59	75	0	176	1,402	-70
Jackson	0.57	9.95	3.68	-3.13	-0.05	92	55	75	0	176	1,506	94
Lexington	3.25	16.65	7.79	3.99	4.22	92	53	74	-1	168	1,296	-181
London	1.31	11.88	6.85	-0.53	3.34	90	55	75	0	174	1,392	-92
Louisville	2.93	14.36	4.00	1.47	0.65	97	62	79	4	202	1,722	136
Mayfield	3.43	15.71	5.21	1.70	1.93	91	57	75	-2	172	1,552	-137
Nashville	0.44	9.98	1.28	-3.35	-2.09	96	61	80	5	206	1,762	12
Nolin Lake	0.46	18.20	4.81	3.62	1.02	94	55	75	0	174	1,446	-47
Paducah	0.92	14.39	2.51	-0.15	-1.27	95	58	77	0	190	1,702	21
Princeton	0.76	16.64	5.51	2.48	1.88	90	58	74	-3	171	1,476	-216
Quicksand	0.94	9.96	4.65	-3.12	0.92	93	55	74	-1	172	1,298	-114
Somerset	3.20	14.59	7.56	0.30	3.54	90	54	73	-2	163	1,290	-225
Spindletop	3.67	16.75	8.51	4.09	4.94	89	56	74	-1	167	1,322	-155
Williamstown	0.49	15.84	5.75	2.93	2.15	91	57	74	-1	166	1,272	-179

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.